

APPENDIX F

OCCUPATIONAL HEALTH REFERENCES AND RESOURCES

A. BIBLIOGRAPHY

1. General References - Federal Publications

Code of Federal Regulations (CFR) Labor Parts 1900-1910. Washington, DC: Office of the Federal Register. National Archives and Records Administration.

Code of Federal Regulations Labor Part 1910. Washington, DC: Office of the Federal Register. National Archives and Records Administration.

2. General References - Department of the Navy Publications

OPNAVINST 5100.23 series. *Navy Occupational Safety and Health Program Manual.*

OPNAVINST 5100.19 series. *Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat.* (Volume 1 - NAVOSH and Major Hazard-specific Programs; Volume 2 - Surface Ship Safety Standards; Volume 3 - Submarine Safety Standards)

NEHC6260 TM96-1. *Medical Surveillance Procedures Manual and Medical Matrix (Edition 5).* (Contains examination elements and frequency of examinations)

NAVMEDCOMINST 6230.3, *Immunizations and Chemoprophylaxis*, 7 Oct 88.

3. General References - Nongovernment publications

American Association of Occupational Health Nurses. *Standards of Occupational Health Nursing Practice.* Atlanta, GA: AAOHN Publications; 1994.

American Medical Association. *Guides to the Evaluation of Permanent Impairment.* 4th ed. Chicago, IL: American Medical Association; 1993.

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McCunney, RJ, ed. *A Practical Approach to Occupational and Environmental Medicine*. 2nd ed. Boston, MA: Little, Brown and Co; 1994.

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Rogers B, Mastroianni K, Randolph SA. *Occupational Health Nursing Guidelines for Primary Clinical Conditions*. Boston, MA: OEM Press; 1992.

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Sullivan JJ, Kreeger GR, ed. *Hazardous Materials and Toxicology*. Baltimore, MD: Williams and Wilkins; 1992.

Zenz, C., *Occupational Medicine Principles and Practical Applications*. St Louis, MO: Mosby; 1994.

4. References for Specific Medical Surveillance Programs

a. Asbestos

29 CFR 1910.1001. *Asbestos (As Amended)*.

OPNAVINST 5100.23 series. Chapter 17, *Asbestos*.

OPNAVINST 5100.19 series. Chapter B1, *Asbestos Control Program*.

SECNAVINST 5212.10 A. *Mandatory Retention of Insulation/Asbestos Related Records*. 15 Sep 86.

International Labour Office. *Guidelines for the Use of ILO International Classification of Radiographs of Pneumoconioses*. Occupational Safety and Health Series, No. 22 (revised). Geneva: International Labour Office, 1980.

b. Cadmium

29 CFR 1910.1027. *Cadmium standard for General Industry*.

29 CFR 1926.63. *Cadmium standard for Construction Work*.

29 CFR 1910, 1915 and 1926. *Occupational Exposure to*

Cadmium. Federal Register. Vol.57, No. 178. Sept 14, 1992.
(Provides information concerning adverse health effects from cadmium exposure and the reasons for decisions made regarding the requirements of the standard).

c. Formaldehyde

29 CFR 1910.1048. *Formaldehyde*.

d. Hearing Conservation

29 CFR 1910.95. *Occupational Noise Exposure*.

DODINST 6055.12. *Hearing Conservation Program*, 22 Apr 96.

NAVMEDCOMINST 6260.5, *Occupational Noise Control and Hearing Conservation*. 26 April 84.

OPNAVINST 5100.23 series. *Navy Occupational Safety and Health Program Manual*. Chapter 18, *Hearing Conservation and Noise Abatement*.

OPNAVINST 5100.19 series. *Navy Occupational Safety and Health (NAVOSH) Program Manual for Forces Afloat*. Volume I, chapter B4, *Hearing Conservation Program*.

Hearing conservation forms:

DD 2215, Reference Audiogram, S/N 0102-LF-002-2151

DD 2216, Hearing Conservation Data, S/N 0102-LF-002- 2161

DD 2217, Biological Audiometric Calibration, S/N 0102-LF-002-2170

e. Lead

BUMEDINST 6200.14, *Pediatric Lead Poisoning Prevention Program*. 6 Jul 94.

29 CFR 1910.1025, *Lead (As Amended)*.

OPNAVINST 5100.23 series. Chapter 21, *Lead*.

OPNAVINST 5100.19 series. Chapter B10, *Lead Control Program*.

f. Manmade Vitreous Fibers

NEHC-TM-91-1. *Manmade Vitreous Fibers*.
(Contains discussion on toxicity of manmade vitreous fibers)

g. Mercury

NAVMEDCOMINST 6260.3. *Mercury Control Program for Dental Treatment Facilities*. 30 Mar 90.

(Addresses handling, decontamination, and disposal. Biological monitoring and routine medical surveillance are not required, but may be prescribed when circumstances warrant)

h. Methylenedianiline

29 CFR 1910.1050. *Methylenedianiline*.

i. Organophosphate Pesticides

OPNAVINST 6250.4A. *Pest Management Programs*. 28 Nov 90.
(Contains medical surveillance program for workers exposed to organophosphate and carbamate pesticides)

j. PCBs, PCDFs and PCDDs

NEHC-TM90-2. *Polychlorinated Biphenyls (PCBs), Polychlorinated Dibenzo-furans (PCDFs) and Polychlorinated Dioxins (PCDDs)*.
(Contains discussions on toxicity, first aid and emergency procedures)

k. Radiation

BUMEDINST 6470.19. *Laser Safety for Medical Facilities*. 24 Aug 90.

DODINST 6055.11. *Protection of DOD Personnel from Exposure to Radiofrequency Radiation and Military Exempt Lasers*. 21 Feb 95.

NAVMED P-5055, *Radiation Health Protection Manual*. 1992.
(Describes medical examinations and radiation protection standards for occupational exposures including exposures of pregnant workers)

NAVMEDCOMINST 1500.5. *Radiation Health Training for Designated Medical Department Personnel*. 25 Mar 85.

NAVMEDCOMINST 6470.10. *Initial Management of Irradiated or Radiologically Contaminated Personnel*. 19 Jul 71.

OPNAVINST 5100.23 series. Chapter 22. *Non-ionizing Radiation*.

OPNAVINST 5100.19 series. Volume I, chapter B9. *Radiation Protection Program*.

OPNAVINST 6470.2A. *Occupational Radiation Protection Program*. 9 Apr 86.

5. References for Job Certification Examinations

a. Sight Conservation

OPNAVINST 5100.23 series. Chapter 19. *Sight Conservation.*

OPNAVINST 5100.19 series. Chapter B5. *Sight Conservation Program.*

b. Competence For Duty

BUMEDINST 6120.20B. *Competence for Duty Examinations, Evaluations of Sobriety, and Other Bodily Views and Intrusions Performed by Medical Personnel.*
28 Sep 81.

c. Aviation

NAVMED P-117. *Manual of the Medical Department*, Chapter 15.

d. Chemical Holding Tank Sewage Workers

BUMEDINST 6230.15. *Immunizations and Chemoprophylaxis.* 1 Nov 95.

NAVMED P-5010. *Manual of Naval Preventive Medicine*, Chapter 7.

e. Day Care Center Workers

BUMEDINST 6230.15. *Immunizations and Chemoprophylaxis.* 1 Nov 95.

OPNAVINST 1700.9B. *Child Development Programs.* 27 Oct 94.

f. Crane Operators

NAVFAC P-306, Chapter 1.

g. Diver/Hyperbaric Workers

NAVMED P-117. *Manual of the Medical Department*, Chapter 15.

h. Explosive Ordnance Handlers/Drivers

49 CFR Parts 391.41 through 391.49. *Physical Qualifications for Drivers.*

NAVSEA OP-2239.

NAVMED P-117. *Manual of the Medical Department*, Chapter 15.

i. Firefighters

DODINST 6055.6. *DoD Fire and Emergency Services Program.* 15 Dec 94.

Qualification Standards Handbook for General Schedule

Positions.

j. Firefighter Instructors

NAVMED P-117. *Manual of the Medical Department*, Chapter 15.

k. Forklift Operators

NAVFAC P-306, Chapter 1.

l. Hazardous Material Spill Response Team

29 CFR 1910.120, *Hazardous Waste Operations and Emergency Response*.

m. Motor Vehicle Operators

49 CFR 391.41-49.

(Drivers covered by the Department of Transportation)

Federal Personnel Manual, Chapter 930, Appendix A.

(Drivers not covered by the Department of Transportation)

n. Naval Criminal Investigative Service

Naval Criminal Investigative Service Manual for Administration.

o. Respiratory Protection

29 CFR 1910.134, *Respiratory Protection*.

OPNAVINST 5100.23 series. Chapter 15, *Respiratory Protection*.

OPNAVINST 5100.19 series. Chapter B6, *Respiratory Protection Program*.

American National Standards Institute (ANSI) Standard Z88.6-1984. *American National Standard for Respiratory Protection - Respirator Use -Physical Qualifications for Personnel*.

(Contains guidelines for frequency and content of examination)

American National Standards Institute (ANSI) Standard Z88.2-1992. *American National Standard for Respiratory Protection*. (Contains respirator program requirements, selection of respirators, respirator fit tests)

p. Security/Guard

Qualification Standards Handbook for General Schedule Positions.

q. Submarine Duty

NAVMED P-117, *Manual Of the Medical Department*. Chapter 15.

SECNAVINST 6420.1D, *Physical Requirements for Non-submarine Personnel Embarked in Submarines*.

6. References for Other Occupational Health Subjects

a. Bloodborne Pathogens

29 CFR 1910.1030. *Occupational Exposure to Bloodborne Pathogens*.

OPNAVINST 5100.23 series. Chapter 28, *Bloodborne Pathogens*.

OSHA Directorate of Compliance Programs, *Occupational Exposure to Bloodborne Pathogens. Occupational Exposure to Bloodborne Pathogens Interpretive Quips (IQs)*. January 1994. (Provides current interpretations concerning 29 CFR 1910.1030 abstracted from OSHA National Office letters and memos)

Garner JS. *Guideline for Isolation Precautions in Hospitals. Infect Control Hosp Epidemiol*. 1996;17:53-80. (Special report from Centers for Disease Control and Prevention, and the Hospital Infection Control Practices Advisory Committee)

b. Health Promotion

BUMEDINST 6100.13. *Naval Medical Department Health Promotion Program*.
6 Jan 92.

Department of Defense Directive. *Health Promotion*. 11 Mar 86.

OPNAVINST 6100.2. *Health Promotion Program*. 25 Feb 92.

OCPMINST 12792.4. *Employee Health Promotion and Wellness Program*. 14 Feb 92.

O'Donnell MP, Ainsworth TE. *Health Promotion in the Workplace*. Albany, NY:Delmar Publishers, 1992.

Pender, Nola J. *Health Promotion in Nursing Practice*, 2nd ed. E. Norwalk, CT: Appleton and Lang, 1987. ISBN: 0-838536742.

c. Heat and Cold Stress

OPNAVINST 5100.19 series, Volume I, Chapter B2. *Heat Stress Program*.

NEHC-TM92-6. *Prevention and Treatment of Heat and Cold Stress Injuries*.

d. Reproductive Hazards

BUMEDINST 6200.15. *Suspension of Diving Duty during Pregnancy*.

24 Jun 94.

NEHC-TM92-2. *Reproductive Hazards in the Workplace: A Guide for Occupational Health Professionals*. (Includes lists of occupational reproductive chemical and biological hazards, and a discussion of occupational physical reproductive hazards. The revised edition is scheduled for publication late 1996).

OPNAVINST 5100.23 series. Chapter 29, *Occupational Reproductive Hazards*.

OPNAVINST 6000.1A. *Management of Pregnant Servicewomen*. 21 Feb 89.

e. Smoking

DODINST 1010.15. *Smoke-Free Workplace*, 7 March 94.

OPNAVINST 5100.23 series. Chapter 30, *Indoor Air Quality Management*.

f. Tuberculosis

Centers for Disease Control and Prevention. *Guidelines for preventing the transmission of Mycobacterium Tuberculosis in health-Care Facilities*, 1994. MMWR 1994;43(No. RR-13):1-132.

Centers for Disease Control and Prevention. *Essential Components of a tuberculosis prevention and control program; and Screening for tuberculosis and tuberculosis infection in high risk populations: recommendations of the Advisory Council for the Elimination of Tuberculosis*. MMWR 1995;44(No. RR-11):1-34.

NAVMEDCOMINST 6224.1., *Tuberculosis Control Program*. 8 Feb 93.

Garner JS. Guideline for Isolation Precautions in Hospitals. *Infect Control Hosp Epidemiol*. 1996;17:53-80. (Special report from Centers for Disease Control and Prevention, and the Hospital Infection Control Practices Advisory Committee)

B. OCCUPATIONAL HEALTH AND SAFETY AGENCIES

Centers for Disease Control Prevention (CDC)
1600 Clifton Road, NE
Atlanta, GA 30333

CDC is charged with protecting the health of the population and responding to public health emergencies. It administers national programs for the prevention and control of communicable diseases and collects, analyzes, and disseminates national data on health status and health services.

Agency for Toxic Substances and Disease Registry (ATSDR)

1600 Clifton Road, NE
Atlanta, GA 30333

ATSDR is a U.S. Public Health Service agency created under the Comprehensive Environmental Response and Compensation Act of 1980 (also known as Superfund). Its mission is to prevent exposure and adverse human health effects and diminished quality of life associated with exposure to hazardous substances from waste sites, unplanned releases and other sources of environmental pollution.

The Division of Toxicology, (404) 639-6300, publishes "Fact sheets on hazardous substances" and "Toxicological profiles". The Division of Health Education, (404) 639-6205, publishes "Public health statement notebooks" which contain the public health statements on 80 hazardous substances.

Environmental Protection Agency (EPA)

401 M Street, SW
Washington, DC 20460

EPA was mandated by the 1974 Safe Drinking Water Act to establish water standards and ensure their enforcement. The EPA is responsible for assessment and control of air and water pollution, solid waste management, pesticides, radiation, noise, toxic substances, and other environmental problems.

National Cancer Institute (NCI)

National Institutes of Health
Public Health Service
U.S. Department of Health and Human Services
Bethesda, MD 20205

NCI publishes/distributes the annotated bibliography Cancer Information in the Workplace and free educational materials. NCI supports research related to occupational cancer hazards and applied prevention programs to minimize potential hazards for workers.

National Institute of Environmental Health Sciences (NIEHS)

National Institutes of Health
Public Health Service
U.S. Department of Health and Human Services ,
P.O. Box 12233
Research Triangle Park, NC 17709

NIEHS is the principal federal agency responsible for research on the effects of chemical, physical, and biological environmental agents on human health and well-being.

National Institute for Occupational Safety and Health (NIOSH)

4676 Columbia Parkway
Cincinnati OH 45226

NIOSH represents the research arm of the Occupational Safety and Health Act of 1970. Based in the Public Health Service (under DHHS), NIOSH responsibilities include research on occupational safety and health problems as well as on psychological factors as they relate to occupational safety and health; training occupational safety and health professionals; hazard evaluation and toxicity determinations; work force development and training; and industry-wide studies on chronic or low-level exposures to hazardous substances. The NIOSH Publications Catalog lists all NIOSH publications, including criteria documents, manuals, reports, health hazard evaluations, and others.

Occupational Safety and Health Administration (OSHA)

U.S. Department of Labor
200 Constitution Avenue, NW
Washington, DC 20210

OSHA is the federal agency responsible for the regulatory functions of the Occupational Safety and Health Act of 1970. OSHA responsibilities include development and updating of mandatory occupational safety and health standards; enforcing regulations and standards; requiring employers to keep accurate records on work related injuries, illnesses, and hazardous exposures; collecting and maintaining occupational safety and health statistics in conjunction with NIOSH; and supervising employer and worker education and training to identify and prevent unsafe or unhealthy working conditions (in conjunction with NIOSH).

OSHA Publications and Audiovisual Programs, OSHA 219, provides an overview of publications on OSHA standards-related topics. Free copies may be obtained from telephone (202) 219-4667, or the nearest OSHA regional or area office.

C. COMPUTERIZED DATABASES

The Centers for Disease Control and Prevention (CDC) publishes a document listing publicly available sources of computerized information on environmental health and toxicology. This may be obtained from the Information Resources Management Group, telephone 404-488-7215.

Occupational Safety and Health (OSHA) CD-ROM discs contain the text of all OSHA standards. Subscribers receive quarterly updates. Subscriptions may be ordered from the Government Printing Office, telephone 202-783-3238.

National Institute for Occupational Center and Health Technical Information Center (NIOSHTIC) Database covers toxicology, epidemiology, industrial hygiene practices and other areas of occupational health and safety. This file is updated quarterly and is available on-line (DIALOG, telephone 1-800-334-2654) and on CD-ROM (Silver Platter OSH-ROM, telephone 1-800-343-0064).

REPROTOX provides summaries of articles on the reproductive

effects of hundreds of chemical substances. Use of the database (online) is included with membership in the Reproductive Toxicology Center, telephone 202-293-5137.

The **National Library of Medicine (NLM)** includes the following databases:

1. MEDLINE includes citations from biomedical journals published in the U.S. and abroad.

2. RTECS (Registry of Toxic Effects of Chemical Substances) is the NLM online version of the NIOSH annual compilation of substances with toxic activity.

3. TOXLINE (Toxicology Information Online) covers toxicological, pharmacological, biochemical and physiological effects of chemicals.

4. TOXNET (Toxicology Data Network) is a computerized system of toxicology oriented databanks managed by the NLM.

The following databases are available on **STN (Scientific and Technical information Network)** which is produced by Chemical Abstracts Service.

1. BIOSIS (Biological Abstracts) covers original research reports and reviews of broad topical interests, such as toxicology and pathology.

2. CA (Chemical Abstracts) covers all areas of chemistry and chemical engineering.

3. CHEMLIST (Regulated Chemicals Listing file) contains information about chemical substances listed on the EPATSCA (Environmental Protection Agency Toxic Substances Control Act) Inventory or those subject to regulations under the Toxic Substances Control Act or similar legislation.

4. CSNB (Chemical Safety News Base) provides access to chemical information related to fire, explosions, transport, toxic substances, studies on laboratory animals, waste removal, and other subjects related to health and safety.

D. TELEPHONE SERVICES

Centers for Disease Control and Prevention (CDC) (404) 332-4555. The CDC Voice Information System is an automated telephone service that provides information about public health topics. This includes an overview of each topic, symptoms, prevention methods, immunization requirements if any, and an option for transfer to a public health professional during business hours.

CHEMTREC (1-800) 424-9300. This is operated by the Chemical Manufacturers' Association. Call this hotline if a chemical spill has occurred. The information will be relayed to the manufacturers

who can then determine the contents of the spilled container and suggest appropriate action for containment.

National Institute for Occupational Safety and Health (NIOSH) (1-800) 35-NIOSH. This provides technical assistance on workplace hazards.

OSHA Technical Support Services (202) 523-7031. This provides rapid technical support, as well as the phone numbers of regional technical support offices for additional assistance.

Poison Control Centers. Each state or region has its own 24-hour poison control center hotline which provides expert emergency medical information and referrals. The number may be found in the telephone directory, or by calling 911, or (1-555-1212) and asking for the local Poison Control Center.